



CONSTRUCTION EQUIPMENT

VOLVO A60H 350190 - FRONT RIGHT FINAL DRIVE



Sample No: VCP433937
Oil Type: NOT GIVEN
Job No:



SAMPLE INFORMATION

Sample Number	VCP433937	VCP395259	VCP388388	VCP388111
Sample Date	05 Sep 2023	05 May 2023	19 Jan 2023	19 Jan 2023
Machine Hours	2618	2128	1651	1651
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	48.7	48.8	49.2	49.0
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CONTAMINATION

Silicon	ppm	3	2	2	2
Sodium	ppm	3	2	2	2
Potassium	ppm	3	3	3	2

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	172	179	90	92
Copper	ppm	0	<1	<1	<1
Lead	ppm	0	0	<1	0
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	0	<1	<1
Chromium	ppm	3	3	1	1
Molybdenum	ppm	<1	2	1	1
Nickel	ppm	<1	1	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	5	5	3	3
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	330	326	314	305
Magnesium	ppm	2	<1	<1	1
Zinc	ppm	146	147	151	148
Phosphorus	ppm	2340	2395	2208	2204
Barium	ppm	0	0	0	0
Boron	ppm	289	269	264	261

Depot: SAIBIR
Unique No: 10643550
Signed: Sean Felton
Report Date: 13 Sep 2023



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VOLVO GRAPHS

